

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008847

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B21/00 G01N21/64 G06K9/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B G01N G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ROCHAS A ET AL: "FIRST FULLY INTEGRATED 2-D ARRAY OF SINGLE-PHOTON DETECTORS IN STANDARD CMOS TECHNOLOGY" IEEE PHOTONICS TECHNOLOGY LETTERS, IEEE INC. NEW YORK, US, vol. 15, no. 7, July 2003 (2003-07), pages 963-965, XP001175854 ISSN: 1041-1135 paragraphs '00I.!, '0IV.!	1-10
Y	DE 102 10 737 A (GNOTHIS HOLDING SA ECUBLENS) 20 March 2003 (2003-03-20) paragraphs '0004! - '0011!; claims 1,5,6,28-32 ----- -/--	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

1 December 2004

Date of mailing of the international search report

16/12/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Consalvo, D.

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/008847

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PHELAN D ET AL: "Geiger mode avalanche photodiodes for microarray systems" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE-INT. SOC. OPT. ENG USA, vol. 4626, 2002, pages 89-97, XP002308501 ISSN: 0277-786X abstract -----	1-10
Y	JACKSON J C ET AL: "Toward integrated single-photon-counting microarrays" OPTICAL ENGINEERING SPIE USA, vol. 42, no. 1, January 2003 (2003-01), pages 112-118, XP002308502 ISSN: 0091-3286 page 112, column 2, line 16 - page 113, column 1, line 7 -----	1-10
A	DILL KILIAN ET AL: "Antigen detection using microelectrode array microchip" ANALYTICA CHIMICA ACTA, vol. 144, no. 1, 12 October 2001 (2001-10-12), pages 69-78, XP002308503 abstract -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008847

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10210737	A	20-03-2003	DE 10210737 A1	20-03-2003
			WO 03021240 A1	13-03-2003
			EP 1421367 A1	26-05-2004
<hr/>				